

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/019385

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01R4/24 H01R43/01 H01R11/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 312 556 A (DUFAU OSCAR) 26 January 1982 (1982-01-26) column 4, line 33 - line 49 column 5, line 23 - line 35 column 5, line 52 - line 54 figures 1,2	1,3-7
A	DE 21 31 769 A (SIEMENS AG) 28 December 1972 (1972-12-28) page 4, line 14 - line 25; figures 5,6	1-7
A	EP 1 073 145 A (MIRAI KOGYO KABUSHIKI KAISHA) 31 January 2001 (2001-01-31) paragraph '0040! - paragraph '0045!; figure 8	1-7



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

14 October 2004

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25/10/2004

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Information on patent family members

International Application No.

PCT/US2004/019385

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4312556	A	26-01-1982	NONE		
DE 2131769	A	28-12-1972	DE	2131769 A1	28-12-1972
EP 1073145	A	31-01-2001	EP	1073145 A1	31-01-2001
			WO	9953570 A1	21-10-1999
			TW	406449 B	21-09-2000